

Monthly Divisional Report
New Jersey State Highway Department
December 1958

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Reports - Monthly

MONTHLY DIVISIONAL REPORT

Month of December 19 58

Division: Accounting & Administrative Services
Bureau: Office of the Comptroller
Bureau of Auditing & Accounting

Attended the American Association of State Highway Officials annual conference held in San Francisco, California, from November 30 to December 6. The sessions I attended were primarily concerned with Uniform Accounting Committee on the different phases of highway work.

Peat, Marwick & Mitchell are still conducting their survey of our costs and procedures; the most recent inquiry was relative to white line and sign costs. They are also developing an efficient method of compiling and keeping a balance of construction program cost.

Conferences have been held with Auditors of the Bureau of Public Roads checking over our procedures on auditing and keeping of Federal Project records, right of way costs, advertising, etc.

The Automotive Safety Foundation continue their survey of methods and procedures.

Additional information was prepared and submitted to Budget Director Vermeulen anent the 1959-60 Budget.

In the Bureau of Auditing & Accounting over 3000 invoices were passed for payment for materials, supplies, estimates to contractors, right of way invoices and utility bills, together with regular bi-weekly payroll.

Warrants were drawn for 51 County & Municipal Aid payments amounting to \$1,270,698.57. Funds were certified on contracts, price agreements, extras, supplemental agreements, etc. as submitted by the Projects Division.

C. Card

Cyrus Card
Comptroller

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MONTHLY DIVISIONAL REPORT

Month of December 19 58

Division: Administration
Bureau: Hourly Payroll Bureau

Preparation of bi-weekly Hourly Basis Payrolls, checking and approval of same. Supervise the drawing of individual checks each bi-weekly pay or a total of 2918 checks for the month. Total of payrolls for the month - \$512,220.97. Signed as Head Paymaster the above mentioned checks.

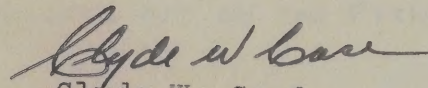
Prepared Accounts Receivable billings, deposit of checks and cash for the month, approval of releases in conjunction with Accounts Receivable.

Coorespodence regarding Hourly Basis personnel.

Prepared tabulation of increases due Hourly Basis personnel in accordance with formula as established by the Department of Civil Service.

Supervise the personnel of the Hourly Payroll Bureau in regular routine work on maintaining necessary information required.

Spent two (2) days in field conferring with Highway Dept. employees regarding their retirement - four (4) employees were retired during the month.



Clyde W. Case
Head Paymaster

MONTHLY DIVISIONAL REPORT

Month of DECEMBER 19 58

Division: ACCOUNTING & ADMINISTRATIVE SERVICES

Bureau: OFFICE SERVICES

OFFICE SERVICES

NEW TYPEWRITERS AND CALCULATORS HAVE BEEN RECEIVED AS REPLACEMENTS AND NEW EQUIPMENT DURING THE MONTH, ALLEVIATING A SHORTAGE WHICH WE HAVE HAD TO CONTEND WITH FOR THE PAST YEAR.

A SURVEY WAS MADE BY MR. JOSEPH BRUNO, BUREAU OF BUDGET & ACCOUNTING, TREASURY DEPARTMENT AND MR. E. J. BIRCH, SUPERVISOR, BUREAU OF OFFICE SERVICES, ON ALL REQUESTS MADE FOR NEW FURNITURE AND OFFICE MACHINES REQUESTED IN THE BUDGET FOR THE FISCAL YEAR OF 1959-60. MOST OF THE EQUIPMENT WAS ALLOWED NECESSARY BY MR. BRUNO.

FILES & RECORDS

RETENTION SCHEDULES WERE APPROVED BY THE STATE RECORDS COMMITTEE FOR THE BUREAU OF TESTING & MATERIALS AND THE BUREAU OF EQUIPMENT. DESTRUCTION REQUESTS WILL BE SUBMITTED AND WHEN RETURNED THE MATERIAL SO AUTHORIZED CAN BE DISPOSED OF THUS RELEASING SPACE FOR CURRENT FILES.

DURING THE MONTH ALL PERSONNEL IN CENTRAL FILES SECTION, APART FROM THEIR REGULARLY ASSIGNED DUTIES WERE BUSY PREPARING NEW FOLDERS FOR THE NEW YEAR IN THE VARIOUS ORGANIZATION UNITS WHERE WE HAVE TAKEN OVER THE FILES.

MAILING SECTION

\$1000.00 MORE POSTAGE WAS USED DURING THE MONTH OF DECEMBER DUE TO THE FACT THAT WE HAD TO RUN ENVELOPES OFF ON THE PITNEY-BOWES METER MACHINE FOR VARIOUS BUREAUS.

INCOMING MAIL WAS HEAVIEST FOR BUREAU OF MAINTENANCE, THE REMAINDER BEING NORMAL FOR THIS TIME OF YEAR. MAP REQUESTS ARE PRACTICALLY NIL BUT WE STILL MAILED OUT QUITE A FEW PLANS. THE BUREAU OF PUBLIC RELATIONS KEPT THE MAIL ROOM QUITE BUSY, ALSO.

THE LAST BUT MOST IMPORTANT ITEM IS THE FACT THAT OUR TEMPORARY EMPLOYEE HAS RESIGNED, LEAVING A VACANCY IN THE MAIL ROOM AGAIN.

DUPLICATING SECTION

FOLLOWING A LULL DURING THE CHRISTMAS HOLIDAYS THE WORK HAS AGAIN INCREASED. WE ARE COMPLETING OUR ASSIGNMENTS AS RAPIDLY AS POSSIBLE. WE ARE AGAIN MINUS ONE EMPLOYEE AND ARE AWAITING A REPLACEMENT. OUR MULTILITH OPERATOR COMPLETELY OVERHAULED OUR 1250 MULTILITH, REPLACING NEEDED PARTS SUCH AS GEARS, ROLLERS, TAPES, ETC. THIS SAVED THE DEPARTMENT WELL OVER \$100.00 BY ELIMINATING THE SERVICES OF A REPAIRMAN.

ALL OTHER EQUIPMENT WORKING SATISFACTORILY. WE ARE ENDEAVORING TO GET PERMISSION TO REPLACE OUR XEROX CAMERA #1 WITH CAMERA #4, THUS ALLOWING US TO MAKE REDUCTIONS OR ENLARGEMENTS BY XEROGRAPHY. THIS CAMERA WOULD MEAN AN ADDED COST OF \$35.00 PER MONTH BUT WE BELIEVE IT WOULD BE MONEY WELL SPENT.

MONTHLY DIVISIONAL REPORT

Month of DECEMBER, 1958

Division: Administration
Bureau: Purchase and Stores

The activities in the Purchase and Stores Bureau during the month of December, 1958, were of a routine nature.

Invitations were mailed to 17 bidders for the sale of approximately 18 tons of Scrap Steel Route Marker Posts, 9 tons of Cast Iron Signs and 6 tons of Scrap Tires.

Three bids were received, papers processed and bids awarded to Harvey Cohen, Inc., 76 Lincoln Avenue, Trenton, New Jersey, for the Scrap Steel Route Marker Posts at \$26.57-net ton and the Scrap Cast Iron Signs at \$34.17-net ton. The Scrap Tires were awarded to Al Kay Tire Sales Company, 3100 Germantown Avenue, Philadelphia, Pa., at \$68.80-net ton.


Arrangements have been made for the disposal of the above items.

Check for \$235.98 received from Harry K. Weisser to cover pickups of 5244 empty 5-gallon Paint Cans was forwarded to Mr. Cyrus Card, Comptroller.

Check for \$10.80 from County of Mercer as a result of sale of 1 - #2128 Leach Relay was forwarded to Mr. Cyrus Card, Comptroller.

Bids sent out for sale of Tires - suitable for recapping - to 45 bidders. Bids returnable January 8, 1959.

Interviewed 55 salesmen representing various concerns during the month and also attended 15 meetings re departmental matters and purchases.



Clifford Wear
Supv., Purchase and Stores Bureau

MONTHLY DIVISIONAL REPORT

Month of December

1958

Division: Accounting and Administrative Services.
Bureau: Office of the Secretary.

CONTRACTS:

Bids received on seven (7) projects and necessary reports and certifications of awards prepared. Four contracts awarded; contracts prepared and forwarded for execution. Execution of fifteen (15) contracts completed. Five (5) projects advertised for bids. 106 sets of plans and supplementary specifications distributed.

SCHEDULE OF APPROVALS:

Four (4) Schedules prepared listing a total of 309 items, which by a combination of items where possible represents action on 346 individual items. Official copies of Schedules signed by the Commissioner, placed in the Minute Book and indexed. Schedules distributed in accordance with regulations and necessary letters concerning official actions written.

GENERAL:

- 33 Standard Specifications issued
- 2 Deposits made for transmittal of income
- 13 Traffic Regulations certified to the Director, Divn. of Motor Vehicles
- 75 Property Agreements attested and processed
- 16 Agreements attested and processed
- 46 Municipal Aid contracts, applications, agreements, transfers, etc., certified
- 7 Lease Agreements executed
- 8 Releases executed
- 18 Snow Removal Equipment Rental Agreements executed
- 1 Utility Order attested and certified
- 1 Highway Lighting Reimbursement Agreement executed
- 4 Deeds of conveyance acknowledged

Necessary payroll (hourly) checks signed

2000 maps distributed (approximately)

General correspondence, filing and answering telephone inquiries.



Kenneth D. Rice,
Secretary

MONTHLY DIVISIONAL REPORT

Month of DECEMBER 19 58

Division: BRIDGE
 Bureau: BRIDGES UNDER CONSTRUCTION

% COMPLETION

<u>Rt. U.S. 1, Sec. 2</u> - Culvert, Lawrence Twp., Mercer Co.	1
Sec. 3 - 2 Bridges and 1 Culvert, Plainsboro Twp., Mercer	1
<u>Rt. S-3:</u>	
Sec. 3-D - O/P. at Broad St. & Bloomfield Ave., Clifton, Passaic Co.	67
<u>Rt. 4:</u>	
Sec. 4-J - U.P. at Spring Valley Road, Paramus, Bergen Co.	8
<u>Rt. 17:</u>	
Sec. 7-C - Midland Ave. Overpass, Paramus, Bergen Co.	97
<u>Rt. 18:</u>	
Sec. 4 - Englishtown Road U.P., Madison Twp., Middlesex	1
<u>Rt. 21:</u>	
Sec. 1A - Seven structures, Belleville, Essex Co.	99
" 1B - Six structures, Belleville and Nutley, Essex Co.	69
<u>Rt. 26:</u>	
Sec. 4D-5C - Two Culverts, So. Brunswick Twp., Middlesex Co.	18
<u>Rt. 27:</u>	
Sec. 8A - Branch of Rahway River, Rahway, Union Co.	80
<u>Rt. 29:</u>	
Sec. 13E - Two Pedestrian Overpasses, Trenton, Mercer Co.	81
<u>Rt. 37:</u>	
Sec. 16 - Bridge bet. Pelican Island & Seaside Heights, Ocean Co.	99
<u>Rt. 72:</u>	
Sec. 5E - Manahawkin Bay Bridge - Superstructure, Ocean Co.	98
Sec. 5F - " " " - Three Trestles, " "	86
<u>Rt. 78:</u>	
Sec. 2E - Five structures, Bloomsbury, Bethlehem & Union Twp., Hunterdon	1
" 2F - C.R.R. and L.V.R.R. Overpasses, Bloomsbury & Beth., "	1
<u>Rt. 101:</u>	
Sec. 2A - Seven structures, Rockaway, Morris Co.	98
" 2C - Eight structures, Wharton, Morris Co.	73
" 2D - D.L. & W.R.R., Roxbury Twp., Morris Co.	31
<u>Rt. 102:</u>	
Sec. 2B - Six bridges, Greenwich Twp., Warren Co. & Hunterdon Co.	92
" 2D - Six bridges, Greenwich & Franklin Twps., Warren & Hunterdon	93
<u>Rt. 104:</u>	
Sec. 1A-2A - East & West Viaducts across Raritan Riv., Middle.&Somer.Co.	18

% COMPLETIONRt. 108:

Sec. 1B - Plant St. U.P. & Br. across Salem Canal, Salem Co.	40
" 2B - Four Brs. & Culvert, Haddon Heights, Salem Co.	79
" 2C - U.P. at Penn-Reading SS Lines, Bellmawr, Camden Co.	93

Rt. 202:

Sec. 2 - Two structures, Branchburg Twp., Somerset Co.	1
" 3 - Bridge across No.Br. of Raritan Riv., Branchburg, Somerset Co.	1

Rt. 206:

Sec. 10A - Beden's Brook Br., Montgomery Twp., Somerset Co.	85
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Rt. 208:

Sec. 2 - O.P. at Ewing Ave., Franklin Lakes, Bergen Co.	1
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<u>Rt. 322</u> - Babcock Cr. Br. & Culvert, Hamilton Twp., Atlantic Co.	72
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Aqueduct Bridge, over Pequannock Riv., Lincoln Park, Morris Co.	24
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Scudders Falls Br. across Delaware Riv.- Substructure	45
" " " - Superstructure - Ordering Materials	

Old Hook Rd. Br. in Westwood, Bergen Co.	99
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Washington Ave. Br. over Green Brook, Green Brook Twp., Somerset Co.	25
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Springfield Ave. Br. over Salt Creek, New Providence, Union Co.	50
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MONTHLY DIVISIONAL REPORT

Month of December 1958

Division: BRIDGE

Bureau: Design Section

Sheet No. 1

Rt. 1:Sec. 1Brunswick Pike - 4 Structures:

Advertised for bids to be received 1/20/59.

Sec. 4Railing on Covered Cut in Jersey City:

Bids received 12/23/58. Schiavone Contr. Co., low bidder.

Rt. 1&9 Truck:Sec.Ramp at Raymond Boulevard:

Plans being prepared.

Rt. 1&18 Interchange:-Sec.2 Structures:

Reviewing plans prepared by Howard, Needles, Tammen & Bergendoff.

Rt. US9:Cape May Canal Bridge:

Plans being prepared.

Rt. 4 Parkway:Sec.Chestnut Ave. Ramp:

Plans being prepared.

Rt. 13:Lovelandtown Bridge (Sidewalks):

Plans being prepared.

Rt. 15:Bakers Bridge over Green Pond Brook:

Plans being prepared.

Rt. 17:Century Road Overpass:

Plans being prepared.

Rt. 21:Ten Structures:Sec. 10

Reviewing plans prepared by Edwards & Kelcey.

Rt. US22:Vaux Hall Road (Steps):

Plans being prepared.

Rt. 35:Sec.Manasquan River Br. (Gate Support Platform): Plans being prepared.Sec.Matawan Creek Br. (Grid Floor-Bascule Span): Plans being prepared.Rt. 42:Culvert at Sta. 112+50, Black Horse Pike:

Plans being prepared.

Rt. 52:Ocean City-Somers Point (Grid Floor-Ship Channel Bridge):

Plans being prepared.

Rt. 71:Sec. 10Culvert at Whale Pond Brook: Plans being prepared.Sec. 10BCulverts at Poplar Brook & Ocean Port Creek: Plans being prepared.

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Division: BRIDGE

Bureau: Design Section

Sheet No. 2

Rt. 78:Sec. 2F2 Bridges over CRR & LVRR:Bids received 12/16/58. I.B. Miller Contr. Corp., low. Awarded 12/24/58.Sec. 2G6 Bridges:Reviewing plans by Parsons, Brinckerhoff, Hall & MacDonald.Rt. 80:Sec. 2Pedestrian Bridge over Ramp K, Denville: Plans being prepared.Sec. 2E10 Bridges: Checking plans prepared by Louis Berger & Associates.Sec. 4Bergen-Passaic Expressway: Reviewing plans by Fay, Spofford & Thorndike.Sec. 5Bergen-Passaic Expressway: Rev. plans by Parsons, Brinckerhoff, Hall & MacDonald.Rt. 129:6 Structures - Delaware River to Scotch Road:Reviewing plans prepared by Michael Baker, Jr., Inc.Rt. 169:Point Breeze to Constable Hook - Bridge over R.R.,
Center St. Ramp, Navy Footbridge & Sheet Pile Walls:
Reviewing plans prepared by E. Lionel Pavlo.Rt. 202:Bridges at S. Branch Raritan River, CRR of NJ, LVRR,
Samuels Brook, Pleasant Run, Holland Brook:
Plans being prepared.Rt. 208:Sec.Pedestrian O.P. at Ethel Ave.: Plans being prepared.Sec. 3O.P. at Lafayette Ave.: Contract awarded to Geo. M. Brewster & Son.Sec.Brs. at Grandview Ave., Cedar Hill Ave., Russell Ave., Summit Ave.:
Plans being prepared.Sec. 46 Structures: Reviewing plans prepared by Goodkind & O'Dea.Rt. 287:Sec.23 Structures - Rt. 27 to Stelton Road:
Reviewing plans prepared by Madigan-Hyland.Sec.14 Structures - East of Stelton Road:
Reviewing plans prepared by Madigan-Hyland.Rt. 295:Sec. 1C8 Bridges, Camden & Gloucester Co.: Plans being prepared.Sec. 1D4 Bridges: Plans being prepared.Sec. 2E7 Structures: Rev. plans prepared by Sherman, Taylor & Sleeper.Sec. 2F6 Structures: Rev. plans prepared by Sherman, Taylor & Sleeper.

MONTHLY DIVISIONAL REPORT

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Division: Maintenance and Operations

Bureau: Electrical Operations

FEDERAL AID INTERSTATE ROUTES

Highway lighting electrical contract, FAI Rt.102, Sec. 2C, Clinton 85% complete. Preliminary plans, highway lighting, FAI Rt.101 95% complete. Conduit, wiring and lighting layouts furnished Bridge Division, 7 bridges, FAI Rt.80.

MAINTENANCE AND OPERATIONS

33 bridges in full time operation, 6 on 24 hr. notice basis. Routine mechanical and electrical maintenance, all movable bridges, 885 traffic signals, 5 lane control systems and 887 illuminated signs. Replacement of highway lighting, traffic signal, sign equipment damaged and knocked down by traffic. Painting sign bridges, signs, Rt.46 Ridgefield Park. Relamping signals with 67W, 6000 hr. lamps. Replaced neon numbers on bridge signs, Camden Area, due to changing of route markers. Installing new water line, bridge house, Rt.US130 Mantua Creek Bridge. Relocating service, Rt. 87 Absecon Channel Bridge. Rewiring panel board, installing new conduit, Rt.US40 Inside Thorofare Bridge. Repaired limit switches, installed new conduit and latch bar, Rt.52 Beach Thorofare Bridge, Ocean City and latch bar, Rt.52 Ship Channel Bridge, Somers Pt. Relocated service for electric sign and traffic counter, Rt. US40 McKee City Circle.

CONSTRUCTION

7 traffic signals under construction, 3 completed. Revisions completed, 3 existing signals, 7 partially completed. Changing series to multiple lighting, Rts. US1&9, Elizabeth Viaduct. Temporary lighting and signals installed, roadway construction, Rt. 21. Lighting and signals completed, Rt.US1 and Ryders Lane.

DESIGN AND INSPECTION

9 signals designed for roadway construction. Plans requested by Planning & Traffic, 4 locations. Inspection Manahawkin Bay Bridge, 3 contracts, 1 FAS contract, 9 road contracts, and 1 FAI contract. Furnished conduit, wiring, lighting layouts to Bridge Division, proposed overpasses and underpasses, 6 bridges, Rt. 208. Roadway plans reviewed, conduit and junction boxes, 2 locations.

NEGOTIATIONS

6 traffic signals under negotiation, 5 completed. 13 field inspections, with contacts with local officials, 9 on lighting, 4 on traffic signals.

CLAIMS

Payments of claims in the amount of \$17,964.04 received, 40 claims set up in the amount of \$16,438.68, 33 result of property damage accidents. 26 work orders set up resulting in claims, totaling \$8,370, 25 result of property damage accidents. During 1958, 295 claims set up, \$120,925.30 collected and 603 work orders issued.

MISCELLANEOUS

Maintenance of mobile radio communicating system, 213 mobile units and 8 base stations. Wiring new guard house, 2 maintenance yards, John's Diner.

MONTHLY DIVISIONAL REPORT

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Division: Maintenance and Operations
Bureau: Maintenance

PERSONNEL

On December 29 James R. Schuyler assumed the position of Acting Supervising Engineer and George J. McCann the position of Assistant Supervising Engineer.

PERMITS SECTION

Total of 247 applications processed, including 133 for road openings, 43 for erection of poles, 53 for entrances, and 18 for miscellaneous projects.

LANDSCAPE SECTION

Completed cleaning and grading operations and planting of 200 Myrtle at the new combination field office and maintenance headquarters on Route 1 at Metuchen. Removed 112 trees and trimmed 163 throughout State. Working on preparation of "Weed Control Spraying Program" which will be recommended for coming fiscal year.

BRIDGE SECTION

Our forces completed painting of railings on Brinkerhoff Avenue, Palisade Avenue, Central Avenue and Edsen Avenue bridges on Route 46 in the Fort Lee area, and Market Street, Hudson Railroad, Fairview Avenue and Erie Railroad bridges on Route 17 in the Maywood area. Bridge painting work was discontinued for the winter season during the week of December 21 and our forces are now engaged in repainting the interior of our Dover Garage. Completed new steel rail installation on Route 46 at Lexington Avenue, Clifton, for Division of Roads.

CONSTRUCTION SECTION

Completed miscellaneous construction projects totaling approximately \$2,600.00, including drainage installation on Route 23 at Mudtown Road in Sussex County. Completed institutional construction projects totaling approximately \$1,600.00, including parking area at Greystone Park State Hospital. As is evidenced by the above figures, our construction operations were seriously curtailed by the severely cold and inclement weather.

SNOW REMOVAL AND ICE CONTROL

All of the new snow plows and a number of new spreaders were delivered and assigned. Our forces were out on several small storms and during one storm it was necessary to call out some of the contractors. We used considerable quantities of rock salt, which has proved very effective in alleviating slippery conditions. The Trenton office has been manned at all times when storms were predicted or in progress, and it has proven to be far superior to the former practice of having the guard on duty at the Fernwood gatehouse relay telephone messages from the field forces to the homes of those in charge of the operations during the early stages of a snow storm.

MATERIALS SECTION

Due to the early winter storms, it has been necessary to expedite the delivery of rock salt and abrasives to replenish our stock piles.

MONTHLY DIVISIONAL REPORT

Month of December 1958

Division: Maintenance and Operations

Bureau: Maintenance

SIGNS AND LINES SECTION

Completed erection of new type Red Stop signs throughout State Highway system. Erected approximately 200 "Driver Lose Licenses" signs on various routes throughout the State, and the balance will be erected early January. Erected Green Direction signs on Route 22, between Finderne and North Branch Control. Erected 100 sample plastic headlight glare baffle units on barrier curb on Trenton Freeway for test purposes.

MONTHLY DIVISIONAL REPORT

Month of December

1958

Division: Maintenance & Operation

Bureau: of Plant & Equipment

NEW EQUIPMENT

The following new equipment was received during the month: 3 Fox Spreader Bodies; 54 Good Roads, 4U Spreaders and Safety Seats; 70 Good Roads, Model 121, Snow Plows; 9 Kleer-Flo "Cleanmaster" Parts Cleaning Machines; 10 Flink Hydraulic Drive Tailgate Spreaders and 3 Coates Iron Fireman Tire Changers.

SNOW PLOW SECTION

Seven new trucks were equipped with snow plow equipment and 15 trucks were equipped with spreader equipment. Seventy plows were received and assembled. Forty-five snow plows were delivered to various contractors and thirty Department trucks were delivered to Snow Sections. The following equipment was repaired: 5 snow plows; 12 push-frames and 8 semi-circles straightened and repaired.

GENERAL REPAIR SHOPS

A total of thirty-six cars, trucks and other equipment have been repaired and assembled, together with other major operations completed in the Car and Truck Shops. Safety lights, stop lights, head lights and tail lights were repaired and installed on forty-one pieces of equipment.

The Machine Shop completed two hundred, forty-nine jobs during the month. The Diesel Shop had forty-seven service and major jobs in the shop and on the road. The Heavy Equipment Shop and Inspection Shop was kept busy with the regular assignments in the shop and on the road.

BUILDING MAINTENANCE SECTION

The following work has been done during the month by the Building Maintenance Section. Two pumps were repaired and serviced completely at the Newark Garage. The front and rear overhead doors in building No. 1 were repaired. Two springs on overhead door were replaced in building No. 8. Water and sump pumps were repaired at Vineland Garage. New Parts were repaired and installed in wash-room at Hammonton Garage.

The new aluminum roof was completed on Building No. 20 by the contractor. The oil burner was repaired and overhauled at the Branchville Garage. Work is continuing on the new guard house at Fernwood. The remodeling of John's Diner as a Field Office is progressing satisfactorily.

MONTHLY DIVISIONAL REPORT

Month of December 1958

Division: PERSONNEL

Bureau:

SALARY INCREMENT PROGRAM

Implemented conversion of old salary schedule to new salary schedule in accordance with provisions of Part III Salary Program 1958-59.

RECRUITMENT AND TRAINING

During this month, 23 of the graduate engineers hired last June completed the 25-week orientation training program. Taking into consideration the expressed work preferences of these trainees and the work situation as indicated by the operating divisions and bureaus, initial work assignments were made as follows:

Division of Roads, Design and Construction	
Bureau of Location and Design	7
Bureau of Road Construction	5
Division of Bridges	
Bureau of Bridge Construction	6
Division of Planning, Research, Soils and Tests	
Bureau of Planning and Traffic	2
Bureau of Soils and Sub-drainage	2
Division of Maintenance and Operation	
Bureau of Road Maintenance	1

Visits were made by recruiting teams to the placement offices of seven colleges and universities where 50 prospective graduates were interviewed. Early interest has been manifested by about 15 of those interviewed and five have visited us here in Trenton as a follow-up to the campus interviews.

During December approval was secured for the creation of 25 temporary Highway Inspector positions and seven men actually started work during this month in these positions.

Our Cooperative Student Program that Drexel Institute of Technology participates in continues in force. Five such Cooperative students completed six-month tours of duty and returned to school. Five others begin a six-month work period. Two are mid-way in a six-month work period and will continue until some time in March.

SAFETY, PLANT SECURITY AND DISPENSARY

Safety - In this section arrangements have been completed for members of our personnel to participate in a two-day safety conference which is being conducted by a representative of the United States Bureau of Standards under the auspices of the New Jersey Department of Labor.

Plant Security and Dispensary - No changes - everything is moving along in a normal manner.



IN REPLY PLEASE REFER TO

Monthly Reports
Division of Planning,
Research, Soils and
Tests.

State of New Jersey
STATE HIGHWAY DEPARTMENT
DWIGHT R. G. PALMER, COMMISSIONER
TRENTON 25

January 5th, 1959

Commissioner Dwight R. G. Palmer:

Herewith are submitted the reports of this Division
for the month of December 1958.

Planning & Traffic:
Harry A. Hartmann
Assistant Supervising Engineer

Engineering Research
William VanBreemen
Research Engineer

Soils:
Keith Rosser
Acting Assistant District Engineer

Testing Laboratory
J. C. Reed
Supervising Engineer

Neil MacDougall

Neil MacDougall
Director and Chief Engineer
Division Planning, Research, Soils and Tests

MONTHLY DIVISIONAL REPORT

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Division: Planning, Research, Soils and Tests

Bureau: Planning and Traffic

HIGHWAY PLANNING SURVEY SECTION

The Automotive Safety Foundation representative requested and received data pertaining to the programming of construction in future year periods.

Road Reinventory

The Road Reinventory study has been included as an item in our present work program, we must report no progress due to the lack of available personnel.

500 Series County Road Numbers

The statewide and county descriptions, together with a State map, showing these routes, has been completed and submitted to the State Highway Engineer for his review and approval, before submitting to the county committee for their approval and distribution.

Road Life

Posting completed projects for further analysis and mileage statistics.

Preliminary work on the preparation of the 1958 State Mileage Report is underway.

A revised statistical table showing the Interstate system was prepared as requested by the Bureau of Public Roads.

Mapping

Regular assignments of mapping on the General Highway Series maps and the drafting and varityping of special reports and forms were underway.

Local Road and Statistical Studies

Current reports on Statistical Studies were completed and submitted to the Bureau of Public Roads during the month.

National Defense Bridge Study

Data is being compiled to revise the original tabulation of bridges on designated defense routes in New Jersey. The New Jersey Turnpike and the Garden State Parkway bridges are also part of this listing. This Bureau is in contact with the authorities staffs for the information needed on the Turnpike and Parkway bridges to complete this work.

Annual Loadometer Study

Tables for the annual 1958 Study are being prepared for reproduction.

representative requested and received data

obtained as an item in our present work
due to the lack of available personnel.

State Highway Board Reports

State and county descriptions, together with a
has been completed and submitted to the State Highway Board
before submitting to the county committee for their
recommendation.

for further analysis and mileage statistics.

work on the preparation of the 1958 State Mileage
statistical tables showing the interstate system was prepared as requested
of the State of Public Roads.

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Statistical Studies

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MONTHLY DIVISIONAL REPORT

Month of December

19 58

Division: Planning, Research, Soils and Tests

Bureau: Planning and Traffic

Section 210, Part 10 - Incremental Cost Factors for Maintenance

Compilation of data was completed during this month and the report was reproduced during this period. Copies of this report will be sent to the Bureau of Public Roads, as requested, during the first part of January 1959.

Section 116 - Data on Interstate System Progress

Data requested by the Bureau of Public Roads for this study was completed during this period.

HIGHWAY USE SURVEY SECTIONField

The regular programmed Machine and Manual traffic counts were completed this month. The field work is still handicapped by the failure of the Personnel Division to fill vacant District Supervisor position. The promotion necessary to fill this position was recommended in May.

Office

The normal office functions of processing field traffic counts were completed this month.

TRAFFIC DESIGN AND RESEARCH SECTION

During December the major work items for the Section were Item 53701, Traffic Signal Capacity and Techniques, which required about four man-months, or approximately 40% of Section time; and Item 53501, Traffic Volume Estimates, which required three man-months (29%). Other items of importance were Item 52601, Lane Marking; and Item 52401, Design Review. Each of these two latter items accounted for one man-month.

HIGHWAY TRAFFIC OPERATIONS SECTION

For the month of December 1 to December 31, 1958, the Highway Traffic Operations Section received 13 requests for the installation or revamping of traffic signals.

Three requests for the installation or revamping of traffic signals were recommended and forwarded to the Bureau of Electrical Operations.

Thirteen requests for the installation of traffic signals were not recommended.

The Section received 12 requests for miscellaneous traffic investigations and completed 14 miscellaneous traffic investigations, and checked the timing and operation of 3 signalized intersections.

Eighty-eight communications were prepared.

MONTHLY DIVISIONAL REPORT

Month of December

19 58

Division: Planning, Research, Soils and Tests

Bureau: Planning and Traffic

TRAFFIC SAFETY CONTROL AND REGULATIONS SECTION

Regulations processed and recommended for adoption during December 1958.

Speed Zones	2	17.7 Miles surveyed
No Passing Zones	2	3.8 Miles surveyed
Restricted Parking	7	
Slow Moving Traffic	1	
Traffic Investigations	15	
Riparian Grants Processed	16	

MONTHLY DIVISIONAL REPORT

Month of December 1958

Division: Planning, Research, Soils and Tests

Bureau: Engineering Research

PAVEMENTS

In collaboration with Soils Bureau, made investigations and submitted pavement recommendations for (a) Route 78 (FAI 102) Annandale to Berkeley Heights, (b) Route 38, Church Road to Marter Ave., (c) Route 73, Rt. 130 to Rt. 38, (d) Route 322, Weymouth to Route 50, and (e) Route 29, Raven Rock to Byram.

Took measurements at cracks in bituminous pavement on Palisades Interstate Parkway, and reported on same. The latest measurements (Dec. 16), following a period of very cold weather, showed that, on the average, the cracks had opened about .08 inches since last summer.

On Route 202 (Route 29, Sec. 11B), Flemington to Three Bridges, installed gauge plugs at experimental joints with nickel-coated dowels, prepared lay-out of this experimental project, and took as-constructed joint-faulting measurements in outside lane.

Investigated peeling of sand-asphalt skidproofing on Route 130, vicinity of Bridgeboro and Cinnaminson, and reported verbally on same. When observed (Dec. 10), peeling was confined almost entirely to wheel tracks in outside lane.

Investigated condition of plain concrete pavement on Route 22, west of Clinton, as related to new highway to be constructed in this vicinity.

Inspected pavement on Washington Ave., Belleville, and reported verbally on same.

Took miscellaneous periodic pavement and joint measurements on Route 22, Route 130, and Route 42 Freeway.

BRIDGES

Measured and reported on bridge over Inland Waterway, Route 88, and bridge over Liberty Ave., Hillside. Also measured the following bridges: (a) Rancocas Creek, (b) Raccoon Creek, (c) Magnolia Ave., Elizabeth, (d) Wittpenn, (e) Victory, and (f) Inland Waterway, Lovelandtown.

MISCELLANEOUS

Prepared brief report on our experience with epoxy resin skidproofing materials, for presentation at the annual meeting of the Highway Research Board.

Inspected experimental surface treatments with neoprene, in Salem County. Found to be still too new for proper evaluation.

MONTHLY DIVISIONAL REPORT

Month of December

1958

Division: Planning, Research, Soils and Tests

Bureau: Soils and Subdrainage

BORING

Commenced a boring program with State forces at structure locations on Route 78, Annandale to Pluckemin, at the request of Parsons, Brinckerhoff, Hall and MacDonald.

Reviewed and approved a contract for a Geophysical Study of the preliminary alignment on Route 78, Pluckemin to Berkley Heights, for DeLeuw, Cather and Brill, however due to heavy frost penetration it will be necessary to postpone this work till March or April. To promote the flow of work a preliminary boring contract is being prepared. These borings are necessary for proper interpretation of the Geophysical data and will be of immediate value to the engineers for preliminary estimates and design.

CONSTRUCTION

There has been a noticable decline in construction activity in all districts due primarily to the cold weather and depth of frost. Paving operations were for the most part confined to Route 1 widening and Route 73, Palmyra Bridge Plaza to Route 130.

The alignment of Route 80 in the Wharton area crosses the old abandoned workings of the Mt. Pleasant Mine. During the course of construction of both embankments and structures it will be necessary to provide a seal for the shaft openings. A design of a tapered plug of large rock fragments and portland cement grout has been submitted to the Construction Division for the first such shaft uncovered. It has been decided to treat each shaft opening individually.

ENGINEERING AND ADMINISTRATION

There has been a change in the administration of the Bureau with the appointment of Mr. J. R. Schuyler to Supervising Engineer, Maintenance. Mr. Keith Rosser will assume the duties as head of the Bureau.

Submitted jointly with Mr. W. Van Breemen for approval, pavement sections for Route 322 Widening Weymouth to Route 50, Route 7 Washington St., and Route 29 Raven Rock to Byram. Submitted to the Bridge Division a report suggesting the possibility of stabilizing a stratum of unconsolidated sand underlying four proposed structures in the vicinity of the Route 295 - Route 42 N-S Freeway interchange. The purpose of this method of construction would be the possible elimination of piled foundations.

Performed the services necessary to the letting of a boring contract on Route 287 in the vicinity of Boonton at the request of Goodkind and O'Dea.

MONTHLY DIVISIONAL REPORT

Month of December

19 58.

Division: Planning, Research, Soils and Tests
Bureau: Testing and Materials

NEW MATERIALS

Quality tests made on one sample of Fine Aggregate and two samples of Coarse Aggregate from established sources. Report submitted to Bridge Division concerning Plastigrip Water-Stops from Progress Unlimited Inc., of New York, as a substitute for copper in the retaining walls.

MATERIALS' DEVELOPMENT

Marshall tests were performed on Gravel samples for use on Rt. S-41 Sec. 1-D, Rt. 42 Sec. 6-C and on Rt. 35 Sec. 4-B; also on Quarry Process material for use on Rt. 26 Sec. 4-D & 5-C. Because of surface "peeling" on Rt. 130, analyses made on samples of Sand-Asphalt. Fourteen samples tested for quality, using combination of 3/4" and 1-1/2" sizes to produce satisfactory gradings for 1-1/4" size. Concrete Cylinders and Mortar Cubes made and individual materials tested for specification requirements to ascertain reason for low strength Pavement Cores on Rt. 29 Sec. 11-B.

COOPERATIVE TESTING

Tests were completed and reported on two cement samples received from the National Bureau of Standards in the current cooperative test program.

PERSONNEL TRAINING

Four Assistant Engineer Trainees were given the scheduled training in this Bureau.

PERFORMANCE TESTING AND INSPECTION

The Eighteenth Month Evaluation of the Test Paints applied to Asphalt Curbing at Princeton Junction was conducted with representatives present from The Asphalt Institute, the N.J. Asphalt Contractors' Assn., and the Industries who supplied the test paints. The Monthly Evaluation was made of the Experimental Traffic Paint Test Lines in cooperation with the John Lucas Paint Co., applied on Asphalt Pavement at Atco and on Concrete Pavement at Kresson; and also on Paint Test Lines in cooperation with the Hercules Powder Co., applied on Asphalt and Concrete Pavements at Elm. Inspection was made of the Experimental Surface Treated Projects in Salem County. Four projects were inspected prior to the release of the normal contractors' Performance Bonds. Bituminous Concrete Cores cut on Rt. 101 Sec. 2-B. Under Laboratory Investigation 1958-5, Concrete Admixtures, Concrete Cylinders and Beams tested at 6-month age. Strength Ratio in Compression was 100% and in Flexural Strength 91% of the Plain Concrete made in comparison. Free_ze-Thaw and Sonic Modulus of Rupture Tests continued on Laboratory Investigation 1958-13.

SPECIFICATIONS

Specifications were drawn for Asbestos-Bonded Corrugated Metal Pipe for the State Aid Projects Division.

MEETING ATTENDED

Preliminary Committee Meeting on the Proposed Second Annual New Jersey Asphalt Paving Conference was attended.

SAMPLES RECEIVED

During this month, 1331 samples were received as compared with 1209 samples for the corresponding month of 1957. This represents an increase of 10.0%. 24,780 samples were received in 1958, representing the largest number of samples received during any year of the Laboratory's operation.

MONTHLY DIVISIONAL REPORT

Month of December 1958

Division: RIGHT OF WAY ACQUISITION & TITLES

Bureau: Appraisals & Negotiations

The Division of Roads transmitted agreement forms covering 151 parcels, of which 60 were revisions.

GENERAL PROPERTY PARCEL MAPS

7 General Property Parcel maps were approved as follows:

- Route 25, Section 9A, Pennsauken Creek to Haddonfield Road. Negotiations authorized for Parcel 9. Set up \$9,000.
- Route U.S. 30 (1953), Section 3, Bell Avenue to Clements Bridge Road. Negotiations authorized. Set up \$260,000.
- Route 88, Federal Project, U200(2), Intersection Sea Avenue, Point Pleasant. Negotiations authorized for Parcel 1. Set up \$30,000.
- FAI 108-1-(12), From Verga to FAI 109 (North-South Freeway). 6 additional sheets approved. Negotiations authorized. Set up \$787,000.
- FAI 101-5-(3), Lodi. Plan showing Lorenz property approved. Negotiations authorized. Set up \$16,500.
- Route 26 (1927), U.S. 1 (1953), Trenton to D & R Canal. Negotiations authorized. Set up \$44,000.
- Route 169 (1953), Section 1, East 30th Street, Bayonne to Garfield Avenue, Jersey City. Negotiations authorized for property in Jersey City. Set up \$142,000.

RIGHT OF WAY ESTIMATES

A right of way estimate was furnished to the Division of Roads on Rt. FAI 105 between Prospect Avenue and the west orange - orange city line as follows:

Line W1 - \$4,987,200.00
Line W3 - \$5,572,700.00

APPRAISAL, NEGOTIATIONS, CONDEMNATIONS, ETC.

A total of 212 items were presented to the Commissioner for action including:

- 114 Agreements
 - 39 Condemnations
 - 1 Condemnation award
 - 3 Appeals authorized
 - 1 Transferred and set up of funds
 - 11 Invoices from New Jersey Power and Light Company approved
 - 1 Rejection of bid for sale of X parcel
 - 1 Parcel not to be acquired
 - 12 Bids rejected on sale of buildings
 - 20 Bids on sale of buildings approved
 - 1 Accept title subject to easement
 - 3 Deeds of conveyance approved
 - 1 Sale of X parcel approved
 - 2 Sale of X parcels held in abeyance
 - 1 Agreement for janitorial services approved
 - 1 Proposal of Title Company approved

APPRAISAL ORDERS ISSUED

40 orders were placed with outside fee appraisers for a total of \$11,020.00.

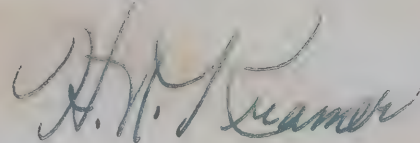
APPRAISALS FOR OTHER DEPARTMENTS

2 Appraisals were made for other departments as follows:

- 1 for Department of Law for Public Safety, Borough of Hopatcong, Sussex County
- 1 for Department of Defense. Property in Woodbridge Township, Middlesex County

PERSONNEL

Mr. Carl Riegler was employed as right of way negotiator on 12/1/58 and assigned to the Metropolitan District.



H. N. Kramer

3:mah

MONTHLY DIVISIONAL REPORT

Month of December 19 58

Division: Right of Way Acquisitions & Titles
Bureau: Legal

I. STATISTICAL

Papers drawn in December

Complaints - 25
Orders to Show Cause - 25
Orders of Continuance - 3
Orders Extending Time - 12
Orders for Judgment and Appointing Commissioners - 15
Orders Granting Compensation to Commissioners - 2
Reports of Commissioners - 2
Notice of Appeal - 2
Notice of Motion for New Trial - 1
Stay of Action and Pension Rights, Notice to
Dismiss Amended Complaint - 1
Specific Performance, Notice of Motion to Dismiss
Complaint - 1
Action to Dismiss State as Party Defendant,
Order Dismissing Crossclaim as against Defendant - 1
In Lieu of Prerogative Writ, Answer in Lieu of
Prerogative Writ - 1
Consent to Extension of Time for Filing Answer - 1
Judgment Dismissing Motions for Summary Judgment - 1
Number of Deeds Approved - 64
Number of Titles Approved - 59

II. GENERAL ACTIVITIES

For the second consecutive month we have had a very large increase in the number of condemnation complaints drawn over the suits instituted during prior months. This is because we are now receiving F.A.I. cases in which the Right of Way Division have been unable to effect settlements.

Conferences on personnel matters.

III. INTERDEPARTMENTAL SERVICES

Conferences with department heads with reference to various problems; opinion memoranda for Commissioner Palmer, department heads and employees; approving, disapproving and re-writing various legal papers and documents; recommendations for condemnation or settlement; trial preparation; brief writing and similar services.

IV. MISCELLANEOUS

Attending bidding; seeing that all necessary papers are prepared; dictating all court matters; numerous other matters which arise during the course of the month.

MONTHLY DIVISIONAL REPORT

Month of December 19 58.

Division: Right of Way Acquisition & Titles

Bureau: Title

TITLE SEARCHING

63 searches and 93 continuation searches were completed throughout the State.

TITLE EXAMINING

63 title searches were examined and Reports of Title prepared.

LEGAL INSTRUMENTS

74 Legal instruments were prepared and forwarded to the owners or their attorneys for execution.

CERTIFICATE OF TITLE

59 Certificates of Title were prepared and submitted to the Department of Law for approval.

SETTLEMENTS

59 final settlements were made with property owners.


CONDEMNATIONS

14 Title Memorandums were prepared and forwarded to the Department of Law. 53 condemnation notices were served.

TITLE COMPANIES

17 deeds were delivered through the offices of Title Companies.

23 checks were delivered to Title Companies with instructions for settlement with the owners.


Edward H. Drake
Title Officer

MONTHLY DIVISIONAL REPORT

Month of December

1958

Division: Roads, Locations and Design

Bureau: Federal Aid Secondary

PLANS

Checking plans for the following:

Mount Holly - Pemberton Road, Burlington County -	S208(2)
Boonton Turnpike - Morris County	S186(3)
North Main Street - Manville - Somerset County	S117(5)
Whippany Road, Morris County	S122(2)
Madison Hill Road - Union County	S142(6)
Centerton Road Storm Drain, Cumberland County	S231(1))
Seeley-Lebanon Road, Cumberland County	S198(2))

CONTRACTS AWARDED

Madison Avenue - Passaic County	S226(2)
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PROJECTS ACCEPTED AS COMPLETED

Raritan Road, Union County	S142(4)- S197(2)
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MISCELLANEOUS

Reviewing plans for proposed construction as requested by the various Counties, checking As Built Plans for Final Payments, preparing agreements between State and County for Federal Aid Secondary Projects and preparing Final Estimates, etc. on completed projects. Also preparing Final Vouchers on completed projects, making final inspections etc.. Received Final Payment from Federal Government on several F.A.S. Projects.

MONTHLY DIVISIONAL REPORT

Month of December 1958

Division: Roads, Design & Construction

Bureau: Location & Design

FEDERAL AID

Programming of NJ-I-1(20)4 Rt. I-295 Hollywood Ave. to Bridgeport; NJ-I-80-2(16)26 Rt. I-80 from Rt. 46 (Netcong) to Mt. Arlington Rd; NJ-I-80-5(5)67 Rt. I-80 from Railroad Ave. in Ridgefield Park to Teaneck Rd., Teaneck; U-69(20) Rt. US-130 from Haddonfield Rd. to Pennsauken Creek; U-126(13) Rt. 21 from Riverside Ave. to William St.; U-74(4) Rt. 24 from Rt. I-78 to a point west of Morristown; F-83(9) Rt. 69 from Ringoes to Flemington; F-114(10) Rt. 10 Salem St. grade separation.

OFFICE ENGINEER

Processing Plans and Specifications for Rt. U.S. 1 and 9, Section 2 and Rt. U.S. 1 and 9 Truck Section 1, Raymond Boulevard; Rt. 18, Section 2, Clifton Ave. to N.J. Turnpike; Rt. 21 Freeway, Section 1C from Highfield Lane to South Parkway; Rt. U.S. 30, Section 3A, Clements Bridge Road Channelization; Rt. 80, Section 2E, from U.S. 46 to Landing Road; Rt. 287, Section 1C & 2B, from Weston Canal Road to and including River Road Interchange; Route 295, Section 1C, from Browning Lane to Broadway. Processing specifications (plans not received from Consultants) Rt. 80, Section 5A; Rt. 80, Section 5B; Rt. 80, Section 5C.

INTERSTATE

Rt. 101-2E Plans delivered to Trenton for processing for advertising; Rt. 101-2E Right-of-way Plans submitted for preliminary processing; Rt. 101-2F 99% complete. Plans being reviewed - will be submitted for advertising in two weeks. Rt. 101-4 Paterson Right-of-Way, Right-of-way plans 99% complete. Have been submitted for preliminary processing. Rt. 101-4 East Paterson Demolition Contract complete; submitted for processing and possibly for early advertising. Rt. 101-5 Teaneck (Bogota area), three contracts for demolition completed; being processed for advertising. Rt. 101-5 Teaneck (Bogota area). Preparing plans for structures in grading 20% complete. Rt. 102-5 Port Street Interchange at Newark Airport; more studies of interchange being made; conferences with Port Authority and others still underway. Rt. 104-3 Boonton area. Preliminary plans reviewed and comments received by Bureau of Public Roads; preparation of contract drawings to start. Rt. 105 Newark-East Orange-West Orange; more studies of alignment and detail of this roadway. Study further; all these studies are not complete. Revised alignment studies submitted on Rt. FAI-78 (old FAI-102) Pluckemin to Berkeley Heights.

MISCELLANEOUS

Rt. 169 Bayonne; Public Hearing to be held January 15, 1959.
Rt. 21 - 1C; this contract being prepared for bidding.
Rt. 3, Section 2H; Hackensack River Bridge resurfacing of
roadway - plans 99% complete; Rt. 20, Section 2; East Rutherford;
channelization at Moonachie Road - plans 95% complete, under
final review. All projects of 1958-1959 Program underway by
State forces are 60% complete. Plans submitted to Trenton for
processing: (1) Rt. U.S. 30 & Clements Bridge Road - Channelization
(2) Rt. U.S. 9 Cape May Canal Bridge Approaches.

MONTHLY DIVISIONAL REPORT

Month of December, 19 58

Division: Design & Construction
Bureau: Road Construction

ROUTE (1953)	SECTION (1927)	LOCATION	PERCENTAGE COMPLETED	
			Dec. 1st	Jan. 1st/59
1 & 9	1 2-C	Channelization of Traffic Circle at Route 3	58%	81%
20	3 3C & 4F	Crooks Ave. to Broadway; Island Closing	5%	13%
	S3 3-D	Grove St. to Passaic Ave.	48%	63%
	4 4-J	Rt. 17 to Grand Ave., Grade Separ. & Spring Valley Rd.	84%	95%
US 46	6 11C & 12B	Hook Mt. Road to Bloomfield Ave.	100%	100%
"	6 7F & 1F	Westminster Circle to Burton Ave.	20%	29%
	10 3A, 1A, 2A	Whippany to Morehousetown; Widening & Turnarounds	99%	99%
	10 4-C	Rt. 53 to Salem St., Paving, Widng., Resurf. & Shldr. Recon.	93%	94%
	17 7-C	Underpass at Midland Avenue	72%	79%
18	3	Pine St. to 800' E. of Sp. Valley Rd.	0%	1%
18	4	Old Bridge Circle to Pine St.	0%	1%
	21 Frwy. 1-A	William St. to Roosevelt Ave.	96%	97%
	21 1-B	Roosevelt Ave. to High Field Lane	27%	34%
	23 9-D	Sta. 28+75 to Sta. 33+90; Vicinity Beaver Lake	66%	95%
	23 15-A	Steenykill Lake to Clove Rd.	0%	1%
US-1	26 3	Alexander Road to State Police Barracks	0%	1%
	25 4G & 5L	Ryder's Lane, Raritan River-Turnarounds	95%	100%
U.S. 1	25 6-G	Construc. of Turnarounds, Twps., Woodbridge & Edison	23%	37%
U.S. 1	26 2	Alexander Road to Motor Vehicle Station	1%	4%
"	26 3C & 4E	State Police Barracks to Stouts Lane	3%	6%
"	26 4D & 5G	Stout's Lane to Cozzens Lane	15%	19%
"	26 5D	Cozzens Lane to Penn. R. R. Bridge	12%	27%
	27 8-A	Albermarle St. to Plainfield Ave.	37%	58%
	27 3-B	How's Lane to Sandford St.	100%	100%
18	S-28 1D & 2B	Old Bridge-New Brunswk. Trnpk. to W. Amherst St., etc.	32%	45%
22	29 4-N	Vicinity of Glenside Ave., Scotch Plains Twp. (Drnag.)	1%	92%
US. 30	1	Taunton Rd. to Wellington Ave., Wid. & Repav. - Utility changes underway	"	"
US. 30	2	Wellington Ave. to Bell Ave. Wid. & Repav.	"	"
	33-17A & 18	Route 35 to Garden State Parkway	100%	100%
	35 4-B	Lewis St. & Broad St. Connection, Eatontown	58%	61%
	37 16	Mathis Bridge to Seaside Heights	98%	98%
	S-40 5-D	Hilliard to Ship Bottom; Grading & Paving	25%	29%
73	S-41 1-D	Palmyra Bridge Plaza to U.S. Rt. 130; Widng. & Drnag.	51%	66%
322	42 6-C	Rt. 50 to McKee City, Dualization	12%	18%
(Frwy)	42-13D & 14C	No.-So. Frwy., Sta. 323+00 to Rt. 42, Black Horse Pike	100%	100%
"	42-14E & 15B	" " " Coles Rd. to Turnerville	99%	98%
"	42-14F & 15C	" " " Black Horse Pike to Turnerville	78%	78%
	45 30	Red Bank Ave. to Cooper St., Woodbury	63%	76%
77	46 8-A	From Sta. 22+0 to Rt. 49, Bridgeton	1%	3%
80	101 2-A	Mt. Hope-Rockaway Rd. to Rt. 46; Grag., Pavg., Brdg.	75%	77%
80	101 2-B	Mt. Hope-Rockaway Rd. to Union Trnpk., Grag., Pavg., Brdg.	98%	99%
80	101 2-C	Howard Blvd. to Rt. 15; Grdg., Pavg., Brdgs.	49%	55%
	101 2-D	Bridge over D.L. & W.R.R.	17%	29%
78	102 2-B	Still Valley to Central R.R. of N.J.	36%	38%
287	104-1A & 2A	W.&E. Viaduct Crossing of Raritan River	30%	35%
295 (Frwy)	108-1A & 2D	Big Timber Creek to 1000' W. of Bell Rd.	98%	98%
295	" 108 2-A	Bellmawr, Mt. Ephraim; Grdg., Brdgs. & Drainage	91%	92%
295	" 108 1-B	Hollywood Ave. to N.J. Turnpike	18%	27%
295	" 108 2-B	Sta. 118+0 to Sta. 220+0; Boros. Haddon Hgts., Barrington & Lawnside, Camden County	84%	87%
295	" 108 2-C	Underpass at Penn-Reading Seashore Lines	43%	43%
202	29 11-B	Flemington Circle to So. Branch Raritan River; Dual.	70%	76%
202	1-C	Route 10 to Smith Road	76%	100%

MONTHLY DIVISIONAL REPORT

Month of December, 1958

Division: Design & Construction

Bureau: Road Construction

<u>ROUTE</u> (1953) (1927)	<u>SECTION</u>	<u>LOCATION</u>	<u>PERCENTAGE</u> Dec.1st	<u>COMPLETED</u> Jan.1st/59
US.202	2	Beechwood Dr. to Huyler Rd.-Dual	0%	2%
" 78	2-E	Central R.R. of N.J. to Mulhockaway Cr.	0%	1%
US.202	3	Huyler Rd. to 700' E. of C.R.R. of N.J.	0%	0%
US.202	4	700' E. of C.R.R. of N.J. to Somerville Traf.Circle	0%	0%
206 31	10-A	Bridge over Beden's Brook	25%	25%
129		*Scudders Falls Brgd.over Delaware River (Contr.#1)		
208	1	1300' W. of Grandview Av. to 1000' W.of Helena Ave.	0%	0%
208	2	1000' W. of Helena Ave. to Colonial Rd.	0%	0%

* See Bridge Division Report

CONTRACTS AWARDED DURING DECEMBER

New Jersey State Teacher's College, Montclair, Grading and Paving Driveways and Parking Areas, Contract #2. Awarded to Fallacara & DeBlasio on December 10, 1958.

CONTRACTS ACCEPTED DURING DECEMBER

Route 102, Section 2A, Clinton Farms to Route 69 Interchange. Accepted on December 4, 1958.

Route 4, Section 4H, Northwest Ramp Revision. Accepted December 5, 1958.

Route 29, Section 13D, Planting, Aberfeldy Drive to Parkside Ave., Trenton, Accepted December 15, 1958.

Route 29, Section 8D to 1F, Washington Ave. to Vaux Hall Road. Accepted December 15, 1958.

Route 28, Section 7C, Bridge over Peters Brook. Accepted December 15, 1958.

Route 48, Section 31B, Route U.S. 40, Bridge Deck. Accepted December 8, 1958.

Route 25A, Section 2D, From Hamilton St. to Harrison Ave., Repaving. Accepted December 19, 1958.

GENERAL NOTES

As cold weather closed in on December 6, little more than utility, drainage, bridge, some excavation and clean-up work has been accomplished during the month. The "D" projects, which we hope to hold open during the winter have been hard hit by the severe freeze.

MONTHLY DIVISIONAL REPORT

Month of December 1958

Division: Design & Construction
Bureau: Road Construction

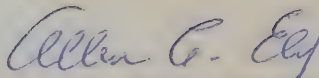
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GENERAL NOTES

You may note little if any work has been done on several "D" projects. In most of these cases, Utility rearrangement is necessary before the contractor can proceed with his contract.

All the "black base" has been placed on Route 73, from Route US 130 to the Bridge Plaza, making this section safe for winter traffic.

In general, contractors have shut down over the Holidays. Resumption of work on a major scale will depend entirely on the weather.



Allen C. Ely

Supervising Engineer, Bureau of Road Construction

MONTHLY DIVISIONAL REPORT

Month of December

19 58

Division: State Aid

Bureau:

COUNTIES

County maintenance and construction programs completed for year.

Field representatives of division assisting in preparation of certificates of expenditure for 1958 and work programs for 1959.

Items requiring office processing - 5 received, 6 processed.

MUNICIPALITIES

All maintenance and construction completed or closed down for winter with exception of storm drainage contracts.

Items requiring office processing - 217 received, 138 processed.

Final inspection and acceptance prior to authorization of payment completed on 43 projects.

Recommendations of allocations for construction funds forwarded to Commissioner.

One county reopened for consideration of two applications received December 19, 1958.

474 applications submitted and processed requesting a total of \$9,103,844.07.

PERSONNEL

Personnel being assigned to other divisions as they become available due to shut down of maintenance and construction work.

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